

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/050941

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/28 H04L12/56 H04L7/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 03/094417 A (ATHEROS COMM INC) 13 November 2003 (2003-11-13) abstract page 2, line 19 - page 4, line 8 page 5, line 15 - page 6, line 2 page 10, line 1 - page 13, line 22 page 14, line 13 - page 15, line 16 page 17, line 9 - page 20, line 16 figures 2-5,7-9 ----- WO 03/084119 A (ADVANCED MICRO DEVICES INC) 9 October 2003 (2003-10-09) page 1, line 3 - page 5, line 6 page 6, line 4 - page 9, line 35 figures 9-11 ----- -/-	1-22
P, X		1-7, 11-13, 18,19,22

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

21 September 2004

Date of mailing of the International search report

30/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Carballo da Costa, E

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>"Supplement to IEEE Standard for Information technology. Part 11: Wireless LAN Medium Access Control(MAC) and Physical Layer (PHY) specifications: Higher-Speed Physical Layer Extension in the 2.4 GHz Band"</p> <p>IEEE STD 802.11B-1999, XX, XX, 20 January 2000 (2000-01-20), pages 1-90, XP002189756</p> <p>18.2.2.1 Long PLCP PPDU format 18.2.2.2 Short PLCP PPDU format 18.2.3.1 Long PLCP SYNC field 18.2.3.8 Short PLCP synchronization 18.2.6 PLCP receive procedure</p> <p>-----</p>	1-22
A	<p>EP 1 191 730 A (LUCENT TECHNOLOGIES INC)</p> <p>27 March 2002 (2002-03-27)</p> <p>abstract</p> <p>page 2, paragraph 1 – paragraph 14 page 3, paragraph 16 – paragraph 22 page 4, paragraph 29 – page 5, paragraph 36</p> <p>-----</p>	1-22
P,A	<p>US 2003/147374 A1 (CHEN PO-HUNG ET AL)</p> <p>7 August 2003 (2003-08-07)</p> <p>abstract</p> <p>page 1, paragraph 3 – page 2, paragraph 15 page 2, paragraph 25 – page 3, paragraph 33</p> <p>-----</p>	1-22
A	<p>EP 0 851 603 A (LUCENT TECHNOLOGIES INC)</p> <p>1 July 1998 (1998-07-01)</p> <p>cited in the application</p> <p>column 3, line 20 – column 4, line 33</p> <p>-----</p>	1-22

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Information on patent family members

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